



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/067,496
				Filing Date	February 4, 2002
				First Named Inventor	Ghobad HEIDARI
				Art Unit	2611
				Examiner Name	Don Nguyen Vo
Sheet	1	of	22	Attorney Docket Number	046301/053000 QST-053 US

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US 3,409,175	11-05-1968	Byrne	
	2.	US 3,666,143	05-30-1972	Weston	
	3.	US 3,938,639	02-17-1976	Birrell	
	4.	US 3,949,903	04-13-1976	Benasutti et al.	
	5.	US 3,960,298	06-01-1976	Birrell	
	6.	US 3,967,062	06-29-1976	Dobias	
	7.	US 3,991,911	11-16-1976	Shannon et al.	
	8.	US 3,995,441	12-07-1976	McMillin	
	9.	US 4,076,145	02-28-1978	Zygiel, deceased	
	10.	US 4,143,793	03-13-1979	McMillin et al.	
	11.	US 4,172,669	10-30-1979	Edelbach	
	12.	US 4,174,872	11-20-1979	Fessler	
	13.	US 4,181,242	01-01-1980	Zygiel, deceased et al.	
	14.	US 4,218,014	08-19-1980	Tracy	
	15.	US 4,222,972	09-16-1980	Caldwell	
	16.	US 4,237,536	12-02-1980	Enelow et al.	
	17.	US 4,252,253	02-24-1981	Shannon	
	18.	US 4,302,775	11-24-1981	Widergren et al.	
	19.	US 4,333,587	06-08-1982	Fessler et al.	
	20.	US 4,354,613	10-19-1982	Desai et al.	
	21.	US 4,377,246	03-22-1983	McMillin et al.	
	22.	US 4,393,468	07-12-1983	New	
	23.	US 4,413,752	11-08-1983	McMillin et al.	
	24.	US 4,458,584	07-10-1984	Annese et al.	
	25.	US 4,466,342	08-21-1984	Basile et al.	
	26.	US 4,475,448	10-09-1984	Shoaf et al.	
	27.	US 4,509,690	04-09-1985	Austin et al.	
	28.	US 4,520,950	06-04-1985	Jeans	
	29.	US 4,549,675	10-29-1985	Austin	
	30.	US 4,553,573	11-19-1985	McGarrah	
	31.	US 4,560,089	12-24-1985	McMillin et al.	
	32.	US 4,577,782	03-25-1986	Fessler	
	33.	US 4,578,799	03-25-1986	Scholl et al.	
	34.	US 4,633,386	12-30-1986	Terepin et al.	
	35.	US 4,658,988	04-21-1987	Hassell	
	36.	US 4,694,416	09-15-1987	Wheeler et al	
	37.	US 4,711,374	12-08-1987	Gaunt et al.	

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	38.	US 4,713,755	12-15-1987	Worley, Jr. et al.	
	39.	US 4,719,056	01-12-1988	Scott	
	40.	US 4,726,494	02-23-1988	Scott	
	41.	US 4,747,516	05-31-1988	Baker	
	42.	US 4,748,585	05-31-1988	Chiarulli et al.	
	43.	US 4,760,525	07-26-1988	Webb	
	44.	US 4,760,544	07-26-1988	Lamb	
	45.	US 4,765,513	08-23-1988	McMillin et al.	
	46.	US 4,766,548	08-23-1988	Cedrone et al.	
	47.	US 4,781,309	11-01-1988	Vogel	
	48.	US 4,800,492	01-24-1989	Johnson et al.	
	49.	US 4,811,214	03-07-1989	Nosenchuck et al.	
	50.	US 4,824,075	04-25-1989	Holzboog	
	51.	US 4,827,426	05-02-1989	Patton et al.	
	52.	US 4,850,269	07-25-1989	Hancock et al.	
	53.	US 4,856,684	08-15-1989	Gerstung	
	54.	US 4,901,887	02-20-1990	Burton	
	55.	US 4,921,315	05-01-1990	Metcalfe et al.	
	56.	US 4,930,666	06-05-1990	Rudick	
	57.	US 4,932,564	06-12-1990	Austin, deceased et al.	
	58.	US 4,936,488	06-26-1990	Austin	
	59.	US 4,937,019	06-26-1990	Scott	
	60.	US 4,960,261	10-02-1990	Scott, et al.	
	61.	US 4,961,533	10-09-1990	Teller et al.	
	62.	US 4,967,340	10-30-1990	Dawes	
	63.	US 4,974,643	12-04-1990	Bennett et al.	
	64.	US 4,982,876	01-08-1991	Scott	
	65.	US 4,993,604	02-19-1991	Gaunt et al.	
	66.	US 5,007,560	04-16-1991	Sassak	
	67.	US 5,021,947	06-04-1991	Campbell et al.	
	68.	US 5,040,106	08-13-1991	Maag	
	69.	US 5,044,171	09-03-1991	Farkas	
	70.	US 5,090,015	02-18-1992	Dabbish et al.	
	71.	US 5,129,549	07-14-1992	Austin	
	72.	US 5,139,708	08-18-1992	Scott	
	73.	US 5,156,301	10-20-1992	Hassell et al.	
	74.	US 5,156,871	10-20-1992	Goulet et al.	

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	75.	US 5,165,575	11-24-1992	Scott	
	76.	US 5,190,083	03-02-1993	Gupta et al.	
	77.	US 5,190,189	03-02-1993	Zimmer et al.	
	78.	US 5,193,151	03-09-1993	Jain	
	79.	US 5,193,718	03-16-1993	Hassell et al.	
	80.	US 5,202,993	04-13-1993	Tarsy et al.	
	81.	US 5,203,474	04-20-1993	Haynes	
	82.	US 5,240,144	08-31-1993	Feldman	
	83.	US 5,261,099	11-09-1993	Bigo et al.	
	84.	US 5,263,509	11-23-1993	Cherry et al.	
	85.	US 5,269,442	12-14-1993	Vogel	
	86.	US 5,280,711	01-25-1994	Motta et al.	
	87.	US 5,297,400	03-29-1994	Benton et al.	
	88.	US 5,301,100	04-05-1994	Wagner	
	89.	US 5,303,846	04-19-1994	Shannon	
	90.	US 5,335,276	08-02-1994	Thompson et al.	
	91.	US 5,339,428	08-16-1994	Burmeister et al.	
	92.	US 5,343,716	09-06-1994	Swanson et al.	
	93.	US 5,361,362	11-01-1994	Benkeser et al.	
	94.	US 5,368,198	11-29-1994	Goulet	
	95.	US 5,379,343	01-03-1995	Grube et al.	
	96.	US 5,381,546	01-10-1995	Servi et al.	
	97.	US 5,381,550	01-10-1995	Jourdenais et al.	
	98.	US 5,388,212	02-07-1995	Grube et al.	
	99.	US 5,392,960	02-28-1995	Kendt et al.	
	100.	US 5,437,395	08-01-1995	Bull et al.	
	101.	US 5,450,557	09-12-1995	Kopp et al.	
	102.	US 5,454,406	10-03-1995	Rejret et al.	
	103.	US 5,465,368	11-07-1995	Davidson et al.	
	104.	US 5,479,055	12-26-1995	Eccles	
	105.	US 5,490,165	02-06-1996	Blakeney II et al.	
	106.	US 5,491,823	02-13-1996	Ruttenberg	
	107.	US 5,507,009	04-09-1996	Grube et al.	
	108.	US 5,515,519	05-07-1996	Yoshioka et al.	
	109.	US 5,517,600	05-14-1996	Shimokawa	
	110.	US 5,519,694	05-21-1996	Brewer et al.	
	111.	US 5,522,070	05-28-1996	Sumimoto	

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	112.	US 5,530,964	06-25-1996	Alpert et al.	
	113.	US 5,534,796	07-09-1996	Edwards	
	114.	US 5,542,265	08-06-1996	Rutland	
	115.	US 5,553,755	09-10-1996	Bonewald et al.	
	116.	US 5,555,417	09-10-1996	Odnert et al.	
	117.	US 5,560,028	09-24-1996	Sachs et al.	
	118.	US 5,560,038	09-24-1996	Haddock	
	119.	US 5,570,587	11-05-1996	Kim	
	120.	US 5,572,572	11-05-1996	Kawan et al.	
	121.	US 5,590,353	12-31-1996	Sakakibara et al.	
	122.	US 5,594,657	01-14-1997	Cantone et al.	
	123.	US 5,600,810	02-04-1997	Ohkami	
	124.	US 5,600,844	02-04-1997	Shaw et al.	
	125.	US 5,602,833	02-11-1997	Zehavi	
	126.	US 5,603,043	02-11-1997	Taylor et al.	
	127.	US 5,607,083	03-04-1997	Vogel et al.	
	128.	US 5,608,643	03-04-1997	Wichter et al.	
	129.	US 5,611,867	03-18-1997	Cooper et al.	
	130.	US 5,623,545	04-22-1997	Childs et al.	
	131.	US 5,625,669	04-29-1997	McGregor et al.	
	132.	US 5,626,407	05-06-1997	Westcott	
	133.	US 5,630,206	05-13-1997	Urban et al.	
	134.	US 5,635,940	06-03-1997	Hickman et al.	
	135.	US 5,646,544	07-08-1997	Iadanza	
	136.	US 5,646,545	07-08-1997	Trimberger et al.	
	137.	US 5,647,512	07-15-1997	Assis Mascarenhas deOliveira et al.	
	138.	US 5,667,110	09-16-1997	McCann et al.	
	139.	US 5,684,793	11-04-1997	Kiema et al.	
	140.	US 5,684,980	11-04-1997	Casselman	
	141.	US 5,687,236	11-11-1997	Moskowitz et al.	
	142.	US 5,694,613	12-02-1997	Suzuki	
	143.	US 5,694,794	12-09-1997	Jerg et al.	
	144.	US 5,699,328	12-16-1997	Ishizaki et al.	
	145.	US 5,701,482	12-23-1997	Harrison et al.	
	146.	US 5,704,053	12-30-1997	Santhanam	
	147.	US 5,706,191	01-06-1998	Bassett et al.	

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	148.	US 5,706,976	01-13-1998	Purkey	
	149.	US 5,712,996	01-27-1998	Schepers	
	150.	US 5,720,002	02-17-1998	Wang	
	151.	US 5,721,693	02-24-1998	Song	
	152.	US 5,721,854	02-24-1998	Ebicioglu et al.	
	153.	US 5,732,563	03-31-1998	Bethuy et al.	
	154.	US 5,734,808	03-31-1998	Takeda	
	155.	US 5,737,631	04-07-1998	Trimberger	
	156.	US 5,742,180	04-21-1998	DeHon et al.	
	157.	US 5,742,821	04-21-1998	Prasanna	
	158.	US 5,745,366	04-28-1998	Highma et al.	
	159.	US 5,751,295	05-12-1998	Becklund et al.	
	160.	US 5,754,227	05-19-1998	Fukuoka	
	161.	US 5,758,261	05-26-1998	Weideman	
	162.	US 5,768,561	06-16-1998	Wise	
	163.	US 5,778,439	07-07-1998	Trimberger et al.	
	164.	US 5,784,636	07-21-1998	Rupp	
	165.	US 5,787,237	07-28-1998	Reilly	
	166.	US 5,790,817	08-04-1998	Asghar et al.	
	167.	US 5,791,517	08-11-1998	Avital	
	168.	US 5,791,523	08-11-1998	Oh	
	169.	US 5,794,062	08-11-1998	Baxter	
	170.	US 5,794,067	08-11-1998	Kadowaki	
	171.	US 5,802,055	09-01-1998	Krein et al.	
	172.	US 5,818,603	10-06-1998	Motoyama	
	173.	US 5,822,308	10-13-1998	Weigand et al.	
	174.	US 5,822,313	10-13-1998	Malek et al.	
	175.	US 5,822,360	10-13-1998	Lee et al.	
	176.	US 5,828,858	10-27-1998	Athanas et al.	
	177.	US 5,829,085	11-03-1998	Jerg et al.	
	178.	US 5,835,753	11-10-1998	Witt	
	179.	US 5,838,165	11-17-1998	Chatter	
	180.	US 5,845,815	12-08-1998	Vogel	
	181.	US 5,860,021	01-12-1999	Klingman	
	182.	US 5,862,961	01-26-1999	Motta et al.	
	183.	US 5,870,427	02-09-1999	Teidemann, Jr. et al.	
	184.	US 5,873,045	02-16-1999	Lee et al.	

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	185.	US 5,881,106	03-09-1999	Cartier	
	186.	US 5,884,284	03-16-1999	Peters et al.	
	187.	US 5,886,537	03-23-1999	Macias et al.	
	188.	US 5,887,174	03-23-1999	Simons et al.	
	189.	US 5,889,816	03-30-1999	Agrawal et al.	
	190.	US 5,890,014	03-30-1999	Long	
	191.	US 5,892,900	04-06-1999	Ginter et al.	
	192.	US 5,892,961	04-06-1999	Trimberger	
	193.	US 5,894,473	04-13-1999	Dent	
	194.	US 5,901,884	05-11-1999	Goulet et al.	
	195.	US 5,903,886	05-11-1999	Heimlich et al.	
	196.	US 5,907,285	05-25-1999	Toms et al.	
	197.	US 5,907,580	05-25-1999	Cummings	
	198.	US 5,910,733	06-08-1999	Bertolet et al.	
	199.	US 5,912,572	06-15-1999	Graf, III	
	200.	US 5,913,172	06-15-1999	McCabe et al.	
	201.	US 5,917,852	06-29-1999	Butterfield et al.	
	202.	US 5,920,801	07-06-1999	Thomas et al.	
	203.	US 5,931,918	08-03-1999	Row et al.	
	204.	US 5,933,642	08-03-1999	Greenbaum et al.	
	205.	US 5,940,438	08-17-1999	Poon et al.	
	206.	US 5,949,415	09-07-1999	Lin et al.	
	207.	US 5,950,011	09-07-1999	Albrecht et al.	
	208.	US 5,950,131	09-07-1999	Vilmur	
	209.	US 5,951,674	09-14-1999	Moreno	
	210.	US 5,953,322	09-14-1999	Kimball	
	211.	US 5,956,518	09-21-1999	DeHon et al.	
	212.	US 5,956,967	09-28-1999	Kim	
	213.	US 5,959,811	09-28-1999	Richardson	
	214.	US 5,959,881	09-28-1999	Trimberger et al.	
	215.	US 5,963,048	10-05-1999	Harrison et al.	
	216.	US 5,966,534	10-12-1999	Cooke et al.	
	217.	US 5,970,254	10-19-1999	Cooke et al.	
	218.	US 5,987,105	11-16-1999	Jenkins et al.	
	219.	US 5,987,611	11-16-1999	Freund	
	220.	US 5,991,302	11-23-1999	Berl et al.	
	221.	US 5,991,308	11-23-1999	Fuhrmann et al.	

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				Application Number	10/067,496
				Filing Date	February 4, 2002
				First Named Inventor	Ghobad HEIDARI
				Art Unit	2611
				Examiner Name	Don Nguyen Vo
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U.S. PATENT DOCUMENTS					
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	222.	US 5,993,739	11-30-1999	Lyon	
	223.	US 5,999,734	12-07-1999	Willis et al.	
	224.	US 6,005,943	12-21-1999	Cohen et al.	
	225.	US 6,006,249	12-21-1999	Leong	
	226.	US 6,016,395	01-18-2000	Mohamed	
	227.	US 6,021,186	02-01-2000	Suzuki et al.	
	228.	US 6,021,492	02-01-2000	May	
	229.	US 6,023,742	02-08-2000	Ebeling et al.	
	230.	US 6,023,755	02-08-2000	Casselmann	
	231.	US 6,028,610	02-22-2000	Deering	
	232.	US 6,036,166	03-14-2000	Olson	
	233.	US 6,039,219	03-21-2000	Bach et al.	
	234.	US 6,041,322	03-21-2000	Meng et al.	
	235.	US 6,041,970	03-28-2000	Vogel	
	236.	US 6,046,603	04-04-2000	New	
	237.	US 6,047,115	04-04-2000	Mohan et al.	
	238.	US 6,052,600	04-18-2000	Fette et al.	
	239.	US 6,055,314	04-25-2000	Spies et al.	
	240.	US 6,056,194	05-02-2000	Kolls	
	241.	US 6,059,840	05-09-2000	Click, Jr.	
	242.	US 6,061,580	05-09-2000	Altschul et al.	
	243.	US 6,073,132	06-06-2000	Gehman	
	244.	US 6,076,174	06-13-2000	Freund	
	245.	US 6,078,736	06-20-2000	Guccione	
	246.	US 6,085,740	07-11-2000	Ivri et al.	
	247.	US 6,088,043	07-11-2000	Kelleher et al.	
	248.	US 6,091,263	07-18-2000	New et al.	
	249.	US 6,091,765	07-18-2000	Pietzold, III et al.	
	250.	US 6,094,065	07-25-2000	Tavana et al.	
	251.	US 6,094,726	07-25-2000	Gonion et al.	
	252.	US 6,111,893	08-29-2000	Voltsun et al.	
	253.	US 6,111,935	08-29-2000	Hughes-Hartogs	
	254.	US 6,115,751	09-05-2000	Tam et al.	
	255.	US 6,120,551	09-19-2000	Law et al.	
	256.	US 6,122,670	09-19-2000	Bennett et al.	
	257.	US 6,138,693	10-31-2000	Matz	
	258.	US 6,141,283	10-31-2000	Bogin et al.	

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	259.	US 6,150,838	11-21-2000	Wittig et al.	
	260.	US 6,154,494	11-28-2000	Sugahara et al.	
	261.	US 6,157,997	12-05-2000	Oowaki et al.	
	262.	US 6,175,854 B1	01-16-2001	Bretscher	
	263.	US 6,175,892 B1	01-16-2001	Sazzad et al.	
	264.	US 6,181,981 B1	01-30-2001	Varga et al.	
	265.	US 6,185,418 B1	02-06-2001	MacLellan et al.	
	266.	US 6,192,070 B1	02-20-2001	Poon et al.	
	267.	US 6,192,255 B1	02-20-2001	Lewis et al.	
	268.	US 6,192,388 B1	02-20-2001	Cajolet	
	269.	US 6,195,788 B1	02-27-2001	Leaver et al.	
	270.	US 6,198,924 B1	03-06-2001	Ishii et al.	
	271.	US 6,199,181 B1	03-06-2001	Rechef et al.	
	272.	US 6,202,130 B1	03-13-2001	Scales, III et al.	
	273.	US 6,219,697 B1	04-17-2001	Lawande et al.	
	274.	US 6,219,756 B1	04-17-2001	Kasamizugami	
	275.	US 6,219,780 B1	04-17-2001	Lipasti	
	276.	US 6,223,222 B1	04-24-2001	Fijolek et al.	
	277.	US 6,226,387 B1	05-01-2001	Tewfik et al.	
	278.	US 6,230,307 B1	05-08-2001	Davis et al.	
	279.	US 6,237,029 B1	05-22-2001	Master et al.	
	280.	US 6,246,883 B1	06-12-2001	Lee	
	281.	US 6,247,125 B1	06-12-2001	Noel-Baron et al.	
	282.	US 6,249,251 B1	06-19-2001	Chang et al.	
	283.	US 6,258,725 B1	07-10-2001	Lee et al.	
	284.	US 6,263,057 B1	07-17-2001	Silverman	
	285.	US 6,266,760 B1	07-24-2001	DeHon et al.	
	286.	US 6,272,579 B1	08-07-2001	Lentz et al.	
	287.	US 6,281,703 B1	08-28-2001	Furuta et al.	
	288.	US 6,282,627 B1	08-28-2001	Wong et al.	
	289.	US 6,289,375 B1	09-11-2001	Knight et al.	
	290.	US 6,289,434 B1	09-11-2001	Roy	
	291.	US 6,289,488 B1	09-11-2001	Dave et al.	
	292.	US 6,292,822 B1	09-18-2001	Hardwick	
	293.	US 6,292,827 B1	09-18-2001	Raz	
	294.	US 6,292,830 B1	09-18-2001	Taylor et al.	
	295.	US 6,301,653 B1	10-09-2001	Mohamed et al.	

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	296.	US 6,305,014	B1	10-16-2001	Roediger et al.	
	297.	US 6,311,149	B1	10-30-2001	Ryan et al.	
	298.	US 6,321,985	B1	11-27-2001	Kolls	
	299.	US 6,346,824	B1	02-12-2002	New	
	300.	US 6,347,346	B1	02-12-2002	Taylor	
	301.	US 6,349,394	B1	02-19-2002	Brock et al.	
	302.	US 6,353,841	B1	03-05-2002	Marshall et al.	
	303.	US 6,356,994	B1	03-12-2002	Barry et al.	
	304.	US 6,359,248	B1	03-19-2002	Mardi	
	305.	US 6,360,256	B1	03-19-2002	Lim	
	306.	US 6,360,259	B1	03-19-2002	Bradley	
	307.	US 6,360,263	B1	03-19-2002	Kurtzberg et al.	
	308.	US 6,363,411	B1	03-26-2002	Dugan et al.	
	309.	US 6,366,999	B1	04-02-2002	Drabenstott et al.	
	310.	US 6,377,983	B1	04-23-2002	Cohen et al.	
	311.	US 6,378,072	B1	04-23-2002	Collins et al.	
	312.	US 6,381,735	B1	04-30-2002	Hunt	
	313.	US 6,385,751	B1	05-07-2002	Wolf	
	314.	US 6,405,214	B1	06-11-2002	Meade, II	
	315.	US 6,408,039	B1	06-18-2002	Ito	
	316.	US 6,410,941	B1	06-25-2002	Taylor et al.	
	317.	US 6,411,612	B1	06-25-2002	Halford et al.	
	318.	US 6,421,372	B1	07-16-2002	Bierly et al.	
	319.	US 6,421,809	B1	07-16-2002	Wuytack et al.	
	320.	US 6,430,624	B1	08-06-2002	Jamtgaard et al.	
	321.	US 6,433,578	B1	08-13-2002	Wasson	
	322.	US 6,434,590	B1	08-13-2002	Blelloch et al.	
	323.	US 6,438,737	B1	08-20-2002	Morelli et al.	
	324.	US 6,456,996	B1	09-24-2002	Crawford, Jr. et al.	
	325.	US 6,459,883	B2	10-01-2002	Subramanian et al.	
	326.	US 6,473,609	B1	10-29-2002	Schwartz et al.	
	327.	US 6,507,947	B1	01-14-2003	Schreiber et al.	
	328.	US 6,510,138	B1	01-21-2003	Pannell	
	329.	US 6,510,510	B1	01-21-2003	Garde	
	330.	US 6,538,470	B1	03-25-2003	Langhammer et al.	
	331.	US 6,556,044	B2	04-29-2003	Langhammer et al.	
	332.	US 6,563,891	B1	05-13-2003	Eriksson et al.	

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		Number – Kind Code <sup>2</sup> (if known)				
	333.	US 6,570,877	B1	05-27-2003	Kloth et al.	
	334.	US 6,577,678	B2	06-10-2003	Scheuermann	
	335.	US 6,587,684	B1	07-01-2003	Hsu et al.	
	336.	US 6,590,415	B2	07-08-2003	Agrawal et al.	
	337.	US 6,601,086	B1	07-29-2003	Howard et al.	
	338.	US 6,601,158	B1	07-29-2003	Abbott et al.	
	339.	US 6,604,085	B1	08-05-2003	Kolls	
	340.	US 6,606,529	B1	08-12-2003	Crowder, Jr. et al.	
	341.	US 6,615,333	B1	09-02-2003	Hoogerbrugge et al.	
	342.	US 6,618,434	B2	09-09-2003	Heidari-Bateni et al.	
	343.	US 6,640,304	B2	10-28-2003	Ginter et al.	
	344.	US 6,653,859	B2	11-25-2003	Sihlbom et al.	
	345.	US 6,675,265	B2	01-06-2004	Barroso et al.	
	346.	US 6,691,148	B1	02-10-2004	Zinky et al.	
	347.	US 6,711,617	B1	03-23-2004	Bantz et al.	
	348.	US 6,718,182	B1	04-06-2004	Kung	
	349.	US 6,721,286	B1	04-13-2004	Williams et al.	
	350.	US 6,721,884	B1	04-13-2004	De Oliveira Kastrup Pereira et al.	
	351.	US 6,732,354	B2	05-04-2004	Ebeling et al.	
	352.	US 6,735,621	B1	05-11-2004	Yoakum et al.	
	353.	US 6,738,744	B2	05-18-2004	Kirovski et al.	
	354.	US 6,748,360	B2	06-08-2004	Pitman et al.	
	355.	US 6,754,470	B2	06-22-2004	Hendrickson et al.	
	356.	US 6,760,587	B2	07-06-2004	Holtzman et al.	
	357.	US 6,766,165	B2	07-20-2004	Sharma et al.	
	358.	US 6,778,212	B1	08-17-2004	Deng et al.	
	359.	US 6,785,341	B2	08-31-2004	Walton et al.	
	360.	US 6,819,140	B2	11-16-2004	Yamanaka et al.	
	361.	US 6,823,448	B2	11-23-2004	Roth et al.	
	362.	US 6,829,633	B2	12-07-2004	Gelfer et al.	
	363.	US 6,832,250	B1	12-14-2004	Coons et al.	
	364.	US 6,836,839	B2	12-28-2004	Master et al.	
	365.	US 6,865,664	B2	03-08-2005	Budrovic et al.	
	366.	US 6,871,236	B2	03-22-2005	Fishman et al.	
	367.	US 6,883,084	B1	04-19-2005	Donohoe	
	368.	US 6,894,996	B2	05-17-2005	Lee	

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	369.	US 6,901,440	B1	05-31-2005	Bimm et al.	
	370.	US 6,912,515	B2	06-28-2005	Jackson et al.	
	371.	US 6,985,517	B2	01-10-2006	Matsumoto et al.	
	372.	US 6,986,021	B2	01-10-2006	Master et al.	
	373.	US 6,988,139	B1	01-17-2006	Jervis et al.	
	374.	US 7,032,229	B1	04-18-2006	Flores et al.	
	375.	US 7,044,741	B2	05-16-2006	Leem	
	376.	US 7,082,456	B2	07-25-2006	Mani-Meitav et al.	
	377.	US 7,139,910	B1	11-21-2006	Ainsworth et al.	
	378.	US 7,142,731	B1	11-28-2006	Toi	
	379.	US 7,249,242	B2	07-24-2007	Ramchandran	
	380.	US Re. 30,301		06-10-1980	Zygiel, deceased	
	381.	US Re. 32,179		06-10-1986	Sedam et al.	
	382.	US Re. 35,780		05-05-1998	Hassell et al.	

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	383.	US 2001/0003191	A1	06-07-2001	Kovacs et al.	
	384.	US 2001/0023482	A1	09-20-2001	Wray	
	385.	US 2001/0029515	A1	10-11-2001	Mirsky	
	386.	US 2001/0034795	A1	10-25-2001	Moulton et al.	
	387.	US 2001/0039654	A1	11-08-2001	Miyamoto	
	388.	US 2001/0048713	A1	12-06-2001	Medlock et al.	
	389.	US 2001/0048714	A1	12-06-2001	Jha	
	390.	US 2001/0050948	A1	12-13-2001	Ramberg et al.	
	391.	US 2002/0010848	A1	01-24-2002	Kamano et al.	
	392.	US 2002/0015435	A1	02-07-2002	Rieken	
	393.	US 2002/0013799	A1	01-31-2002	Blaker	
	394.	US 2002/0013937	A1	01-31-2002	Ostanevich et al.	
	395.	US 2002/0015439	A1	02-07-2002	Kohli et al.	
	396.	US 2002/0023210	A1	02-21-2002	Tuomenoksa et al.	
	397.	US 2002/0024942	A1	02-28-2002	Tsuneki et al.	
	398.	US 2002/0024993	A1	02-28-2002	Subramanian et al.	

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	399.	US 2002/0031166	A1	03-14-2002	Subramanian et al.	
	400.	US 2002/0032551	A1	03-14-2002	Zakiya	
	401.	US 2002/0035623	A1	03-21-2002	Lawande et al.	
	402.	US 2002/0041581	A1	04-11-2002	Aramaki	
	403.	US 2002/0042907	A1	04-11-2002	Yamanaka et al.	
	404.	US 2002/0061741	A1	05-23-2002	Leung et al.	
	405.	US 2002/0069282	A1	06-06-2002	Reisman	
	406.	US 2002/0072830	A1	06-13-2002	Hunt	
	407.	US 2002/0078337	A1	06-20-2002	Moreau et al.	
	408.	US 2002/0083305	A1	06-27-2002	Renard et al.	
	409.	US 2002/0083423	A1	06-27-2002	Ostanevich et al.	
	410.	US 2002/0087829	A1	07-04-2002	Snyder et al.	
	411.	US 2002/0089348	A1	07-11-2002	Langhammer	
	412.	US 2002/0101909	A1	08-01-2002	Chen et al.	
	413.	US 2002/0107905	A1	08-08-2002	Roe et al.	
	414.	US 2002/0107962	A1	08-08-2002	Richter et al.	
	415.	US 2002/0119803	A1	08-29-2002	Bitterlich et al.	
	416.	US 2002/0120672	A1	08-29-2002	Butt et al.	
	417.	US 2002/0138716	A1	09-26-2002	Master et al.	
	418.	US 2002/0141489	A1	10-03-2002	Imaizumi	
	419.	US 2002/0147845	A1	10-10-2002	Sanchez-Herrero et al.	
	420.	US 2002/0159503	A1	10-31-2002	Ramachandran	
	421.	US 2002/0162026	A1	10-31-2002	Neuman et al.	
	422.	US 2002/0168018	A1	11-14-2002	Scheuermann	
	423.	US 2002/0181559	A1	12-05-2002	Heidari-Bateni et al.	
	424.	US 2002/0184291	A1	12-05-2002	Hogenauer	
	425.	US 2002/0184498	A1	12-05-2002	Qi	
	426.	US 2002/0191790	A1	12-19-2002	Anand et al.	
	427.	US 2003/0007606	A1	01-09-2003	Suder et al.	
	428.	US 2003/0012270	A1	01-16-2003	Zhou et al.	
	429.	US 2003/0018446	A1	01-23-2003	Makowski et al.	
	430.	US 2003/0018700	A1	01-23-2003	Giroti et al.	
	431.	US 2003/0023830	A1	01-30-2003	Hogenauer	
	432.	US 2003/0026242	A1	02-06-2003	Jokinen et al.	
	433.	US 2003/0030004	A1	02-13-2003	Dixon et al.	
	434.	US 2003/0046421	A1	03-06-2003	Horvitz et al.	
	435.	US 2003/0061260	A1	03-27-2003	Rajkumar	
	436.	US 2003/0061311	A1	03-27-2003	Lo	
	437.	US 2003/0063656	A1	04-03-2003	Rao et al.	

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				Application Number	10/067,496
				Filing Date	February 4, 2002
				First Named Inventor	Ghobad HEIDARI
				Art Unit	2611
Examiner Name	Don Nguyen Vo				
Attorney Docket Number	046301/053000 QST-053 US				
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U.S. PUBLISHED PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number – Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	438.	US 2003/0076815 A1	04-24-2003	Miller et al.	
	439.	US 2003/0099223 A1	05-29-2003	Chang et al.	
	440.	US 2003/0102889 A1	06-05-2003	Master et al.	
	441.	US 2003/0105949 A1	06-05-2003	Master et al.	
	442.	US 2003/0110485 A1	06-12-2003	Lu et al.	
	443.	US 2003/0142818 A1	07-31-2003	Raghunathan et al.	
	444.	US 2003/0154357 A1	08-14-2003	Master et al.	
	445.	US 2003/0163723 A1	08-28-2003	Kozuch et al.	
	446.	US 2003/0172138 A1	09-11-2003	McCormack et al.	
	447.	US 2003/0172139 A1	09-11-2003	Srinivasan et al.	
	448.	US 2003/0200538 A1	10-23-2003	Ebeling et al.	
	449.	US 2003/0212684 A1	11-13-2003	Meyer et al.	
	450.	US 2004/0006584 A1	01-08-2004	Vandeweerd	
	451.	US 2004/0010645 A1	01-15-2004	Scheuermann et al.	
	452.	US 2004/0015970 A1	01-22-2004	Scheuermann	
	453.	US 2004/0025159 A1	02-05-2004	Scheuermann et al.	
	454.	US 2004/0057505 A1	03-25-2004	Valio	
	455.	US 2004/0062300 A1	04-01-2004	McDonough et al.	
	456.	US 2004/0081248 A1	04-29-2004	Parolari	
	457.	US 2004/0093479 A1	05-13-2004	Ramchandran	
	458.	US 2004/0168044 A1	08-26-2004	Ramchandran	
	459.	US 2005/0166038 A1	07-28-2005	Wang et al.	
	460.	US 2005/0198199 A1	09-08-2005	Dowling	
	461.	US 2006/0031660 A1	02-09-2006	Master et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)		
	462.	DE	100 18 374	A1	10-18-2001	Rudolph
	463.	EP	0 166 586	B1	01-02-1991	Alistair
	464.	EP	0 236 633	B1	05-08-1991	Alistair
	465.	EP	0 301 169	A1	02-01-1989	Alistair
	466.	EP	0 478 624	B1	04-08-1992	Alistair et al.
	467.	EP	0 479 102	A2	04-08-1992	Emdadur
	468.	EP	0 661 831	A2	07-05-1995	Kaku et al.

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	469.	EP 0 668 659	A2	08-23-1995	Austin	
	470.	EP 0 690 588	A2	01-03-1996	Hulbert et al.	
	471.	EP 0 691 754	A2	01-10-1996	Latva-Aho et al.	
	472.	EP 0 768 602	A2	04-16-1997	Nakano et al.	
	473.	EP 0 817 003	A2	01-07-1998	Beheler	
	474.	EP 0 821 495	A2	01-28-1998	Takagi et al.	
	475.	EP 0 866 210	A2	09-23-1998	Haberer et al.	Abstract in English
	476.	EP 0 923 247	A2	06-16-1999	Shimizu	
	477.	EP 0 926 596	A2	06-30-1999	Hurd	
	478.	EP 1 056 217	A2	11-29-2000	Lee	
	479.	EP 1 061 437	A1	12-20-2000	Arcidiacono et al.	
	480.	EP 1 061 443	A2	12-20-2000	Neogi	
	481.	EP 1 126 368	A2	08-22-2001	Anderson et al.	
	482.	EP 1 150 506	A2	10-31-2001	Ikonen et al.	
	483.	EP 1 189 358	A1	03-20-2002	Lee et al.	
	484.	GB 2 067 800	A	07-30-1981	Lewin	
	485.	GB 2 237 908	A	05-15-1991	Parkes	
	486.	JP 10254696		09-25-1998	Yukito et al.	Abstract in English
	487.	JP 62-249456		10-30-1987	Katsunari	Abstract in English
	488.	JP 63-147258		06-20-1988	Noozenchiyatsuku et al.	Abstract in English
	489.	JP 4-51546		02-20-1992	Takashi	Abstract in English
	490.	JP 7-064789		03-10-1995	Yasunobu	Abstract in English
	491.	JP 2001-053703		02-23-2001	Junichi et al.	Abstract in English
	492.	JP 11296345		10-29-1999	Hiromi et al.	Abstract only
	493.	JP 2000315731		11-14-2000	Cameron et al.	Abstract only
	494.	JP 10233676		09-02-1998	Reddy et al.	Abstract only
	495.	JP 7066718		03-10-1995	Sunaidaa	Abstract only
	496.	WO 00/19311	A1	04-06-2000	Ganapathy	

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	497.	WO	00/65855	A1	Hook et al.	
	498.	WO	00/69073	A1	Wasson	
	499.	WO	01/11281	A1	Carvalho et al.	
	500.	WO	01/22235	A1	Hanrahan et al.	
	501.	WO	01/76129	A2	Carswell	
	502.	WO	02/12978	A2	Juan	
	503.	WO	89/05029	A1	Weiley	
	504.	WO	89/11443	A2	Scott et al.	
	505.	WO	91/00238	A1	Scott et al.	
	506.	WO	93/13603	A1	Keith	
	507.	WO	95/11855	A1	Motta et al.	
	508.	WO	96/33558	A1	Tucker et al.	
	509.	WO	98/32071	A3	Landers et al.	
	510.	WO	99/03776	A1	Biddlestone et al.	
	511.	WO	99/21094	A2	Ledzius	
	512.	WO	99/26860	A1	Dale	
	513.	WO	99/65818	A1	Judge	

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	514.	ABNOUS et al., "Ultra-Low-Power Domain-Specific Multimedia Processors," VLSI SIGNAL PROCESSING, IX, 1998, IEEE WORKSHOP IN SAN FRANCISCO, CA, USA, 30 Oct. - 1 Nov. 1998, pp. 461-470 (October 30, 1998)	
	515.	AGGARWAL et al., "Efficient Huffman Decoding," International Conference on Image Processing IEEE 1:936-939 (September 10-13, 2000)	
	516.	ALLAN et al., "Software Pipelining," ACM Computing Surveys, 27(3):1-78 (Sept. 1995)	
	517.	ALSOLAIM et al., "Architecture and Application of a Dynamically Reconfigurable Hardware Array for Future Mobile Communication Systems," Field Programmable Custom Computing Machines, 2000 IEEE Symposium, Napa Valley, Los Alamitos, CA. IEEE Comput. Soc. pp. 205-214 (April 17-19, 2000)	

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	518.	ASHENDEN et al., "The VHDL Cookbook," Dept. Computer Science, University of Adelaide, South Australia. Downloaded from <a href="http://tams-www.informatik.uni-hamburg.de/vhdl/doc/cookbook/VHDL-Cookbook.pdf">http://tams-www.informatik.uni-hamburg.de/vhdl/doc/cookbook/VHDL-Cookbook.pdf</a> on December 7, 2006 (July 1990)	
	519.	BACON et al., "Compiler Transformations for High-Performance Computing," ACM Computing Surveys 26(4):368–373 (Dec. 1994)	
	520.	BALASUBRAMONIAN et al., "Reducing the Complexity of the Register File in Dynamic Superscalar Processors," Proceedings of the 34th Annual ACM/IEEE International Symposium on Microarchitecture, pp. 237–248 (December 1, 2001)	
	521.	BANERJEE et al., "A MATLAB Compiler for Distributed, Heterogeneous, Reconfigurable Computing Systems," 2000 IEEE Symposium, pp. 39–48, (April 17-19, 2000)	
	522.	BAPTE et al., "Uniform Execution Environment for Dynamic Reconfiguration," Darpa Adaptive Computing Systems, <a href="http://isis.vanderbilt.edu/publications/archive/babty_T_#_0_1999_Uniform_Ex.pdf">http://isis.vanderbilt.edu/publications/archive/babty_T_#_0_1999_Uniform_Ex.pdf</a> , pp. 1–7 (1999)	
	523.	BAUMGARTE et al., "PACT XPP - A Self-Reconfigurable Data Processing Architecture," NN <a href="http://www.pactcorp.com/sneu/download/ersa01.pdf">www.pactcorp.com/sneu/download/ersa01.pdf</a> ; retrieved on 11/25/2005 (June 25, 2001)	
	524.	BECKER et al., "An Application-Tailored Dynamically Reconfigurable Hardware Architecture for Digital Baseband Processing," IEEE Conference Proceedings Article pp. 341–346 (September 18, 2000)	
	525.	BECKER et al., "Design and Implementation of a Coarse-Grained Dynamically Reconfigurable Hardware Architecture," VLSI 2001, Proceedings IEEE Computer Soc. Workshop, Piscataway, NJ, USA, pp. 41–46 (April 19-20, 2001)	
	526.	BEVSTAR, BevStar Bottled Water Model Advertisement <i>Automatic Merchandiser</i> at <a href="http://www.AMonline.com">www.AMonline.com</a> (2005)	
	527.	BEVSTAR, BevStar Point of Use Water Model Advertisement <i>Automatic Merchandiser</i> at <a href="http://www.AMonline.com">www.AMonline.com</a> (2005)	
	528.	BISHOP & LOUCKS, "A Heterogeneous Environment for Hardware/Software Cosimulation," Proceedings of the 30th Annual Simulation Symposium, pp. 14–22 (April 7-9, 1997)	
	529.	BRAKENSIEK et al., "Re-Configurable Multi-Standard Terminal for Heterogeneous Networks," Radio and Wireless Conference, Rawcon 2002 IEEE. pp. 27–30 (2002)	
	530.	BROWN et al., "Quick PDA Data Exchange," PC Magazine pp. 1–3 (May 22, 2001)	
	531.	BUCK et al., "Ptolemy: A Framework for Simulating and Prototyping Heterogeneous Systems," International Journal of Computer Simulation 4:155–182 (Apr. 1994)	
	532.	BURNS et al., "A Dynamic Reconfiguration Run-Time System," Proceedings of the 5th Annual Symposium on Field-Programmable Custom Computing Machines, pp. 166–175 (April 16, 1997)	

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	533.	BUSINESS WIRE, "Whirlpool Internet-Enabled Appliances to Use Beeline Shopper Software Features," <a href="http://www.whirlpoolcorp.com/news/releases/release.asp?id=90">http://www.whirlpoolcorp.com/news/releases/release.asp?id=90</a> (February 16, 2001)	
	534.	BUTTAZZO et al., "Optimal Deadline Assignment for Scheduling Soft Aperiodic Tasks in Hard Real-Time Environments," Engineering of Complex Computer Systems, Proceedings of the Third IEEE International Conference on Como, pp 39–48 (September 8, 1997)	
	535.	CALLAHAN et al., "Adapting Software Pipelining for Reconfigurable Computing," in Proceedings of the International Conference on Compilers, Architecture and Synthesis for Embedded Systems p. 8, ACM (CASES '00, San Jose, CA) (November 17-18, 2000)	
	536.	CHAPMAN & MEHROTRA, "OpenMP and HPF: Integrating Two Paradigms," Proceedings of the 4th International Euro-Par Conference (Euro-Par'98), Springer-Verlag Heidelberg, Lecture Notes in Computer Science 1470:650–658 (1998)	
	537.	CHEN et al., "A Reconfigurable Multiprocessor IC for Rapid Prototyping of Algorithmic-Specific High-Speed DSP Data Paths," IEEE Journal of Solid-State Circuits, IEEE 35:74–75 (February 1, 2001)	
	538.	CLARKE, "Embedded Solutions Enters Development Pact with Marconi," EETimes Online (January 26, 2000)	
	539.	COMPTON & HAUCK, "Reconfigurable Computing: A Survey of Systems and Software," ACM Press, ACM Computing Surveys (CSUR) 34(2):171–210 (Jun. 2002)	
	540.	COMPTON et al., "Configuration Relocation and Defragmentation for Run-Time Reconfigurable Computing," Northwestern University, <a href="http://citeseer.nj.nec.com/compton00configuration.html">http://citeseer.nj.nec.com/compton00configuration.html</a> , pp. 1–17 (2000)	
	541.	CONTE et al., "Dynamic Rescheduling: A Technique for Object Code Compatibility in VLIW Architectures," Proceedings of the 28th Annual International Symposium on Microarchitecture pp. 208–218 (November 29, 1995)	
	542.	CONTE et al., "Instruction Fetch Mechanisms for VLIW Architectures with Compressed Encodings," Proceedings of the Annual IEEE/ACM International Symposium on Microarchitecture (MICRO) 29:201–211 (December 2, 1996)	
	543.	CRAY RESEARCH INC., "Cray T3E Fortran Optimization Guide," Ver. 004-2518-002, Section 4.5 (Jan. 1999)	
	544.	CUMMINGS et al., "FPGA in the Software Radio," IEEE Communications Magazine . 37(2):108–112 (Feb. 1999)	
	545.	DANDALIS et al., "An Adaptive Cryptographic Engine for IPsec Architectures," IEEE pp. 132–141 (Jan. 2000)	
	546.	DAVID et al., "DART: A Dynamically Reconfigurable Architecture Dealing with Future Mobile Telecommunication Constraints," Proceedings of the International Parallel and Distributed Processing Symposium pp. 156–163 (April 15, 2002)	
	547.	DEEPAKUMARA et al., "FPGA Implementation of MD5 has Algorithm," Canadian Conference on Electrical and Computer Engineering, IEEE (2001)	
	548.	DEHON et al., "Reconfigurable Computing: What, Why and Implications for Design Automation," Design Automation Conference Proceedings pp. 610–615 (1999)	

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	549.	DIPERT, "Figuring Out Reconfigurable Logic," EDN 44(16):107–114 (August 5, 1999)		
	550.	DOMINIKUS, "A Hardware Implementation of MD4-Family Hash Algorithms," 9th International Conference on Electronics, Circuits and Systems IEEE (2002)		
	551.	DORBAND, "aCe C Language Reference Guide," Online (Archived Mar. 2001), <a href="http://web.archive.org/web/20000616053819/http://newton.gsfc.nasa.gov/aCe/aCe_dir/aCe_cc_Ref.html">http://web.archive.org/web/20000616053819/http://newton.gsfc.nasa.gov/aCe/aCe_dir/aCe_cc_Ref.html</a> (Mar. 2001)		
	552.	DROZDOWSKI, "Scheduling Multiprocessor Tasks - An Overview," Instytut Informatyki Politechnika, pp. 1–31 (January 31, 1996)		
	553.	EBELING et al., "RaPiD Reconfigurable Pipelined Datapath," Springer-Verlag, 6th International Workshop on Field-Programmable Logic and Applications pp. 126–135 (1996)		
	554.	FAWER et al., "A Multiprocessor Approach for Implementing a Time-Diversity Spread Spectrum Receiver," Proceeding sof the 1990 International Zurich Seminal on Digital Communications, pp. 173–180 (March 5-8, 1990)		
	555.	FISHER, "Gone Flat," Forbes pp. 76–79 (October 2001)		
	556.	FLEISCHMANN et al., "Prototyping Networked Embedded Systems," Integrated Engineering, pp. 116–119 (Feb. 1999)		
	557.	FORBES "Best of the Web – Computer Networking/Consumer Durables," <i>The Forbes Magnetic</i> 40 p. 80 (May 2001)		
	558.	GIBSON, "Fresh Technologies Will Create Myriad Functions," FT Information Technology Review; World Wide Web at <a href="http://technews.acm.org/articles/2000-2/0301w.html?searchterm=%22fresh+technologies%22">http://technews.acm.org/articles/2000-2/0301w.html?searchterm=%22fresh+technologies%22</a> (March 1, 2000)		
	559.	GLUTH, "Integrierte Signalprozessoren," Elektronik 35(18):112–118 Franzis Verlag GMBH, Munich, Germany (September 5, 1986)		
	560.	GOKHALE & SCHLESINGER, "A Data Parallel C and Its Platforms," Proceedings of the Fifth Symposium on the Frontiers of Massively Parallel Computation pp.194–202 (Frontiers '95) (Feb. 1995)		
	561.	GRIMM et al., "A System Architecture for Pervasive Computing," Washington University, pp. 1–6 (Sept. 2000)		
	562.	HALBWACHS et al., "The Synchronous Data Flow Programming Language LUSTRE," Proceedings of the IEEE 79(9):1305–1319 (Sep. 1991)		
	563.	HAMMES et al., "Cameron: High Level Language Compilation for Reconfigurable Systems," Proc. of the Intl. Conf. on Parallel Architectures and Compilation Techniques, pp. 236–244 (Oct. 1999)		
	564.	HARTENSTEIN, "Coarse Grain Reconfigurable Architectures," Design Automation Conference, 2001. Proceedings of the ASP-Dac 2001, Asian and South Pacific January 30, 2001- February 2, 2001, Piscataway, Nj, US, IEEE, pp. 564–569 (January 30, 2001)		
	565.	HEINZ, "An Efficiently Compilable Extension of {M}odula-3 for Problem-Oriented Explicitly Parallel Programming," Proceedings of the Joint Symposium on Parallel Processing (May 1993)		

Examiner Signature		Date Considered	
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				Art Unit	2611	
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Attorney Docket Number	046301/053000 QST-053 US					
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	566.	Hinden et al., "The DARPA Internet: Interconnecting Heterogeneous Computer Networks with Gateways," IEEE Computer Magazine pp. 38-48 (1983)		
	567.	HORTON, "Beginning Java 2: JDK 1.3 Edition," Wrox Press, Chapter 8, pp. 313-316 (Feb. 2001)		
	568.	HUFF et al., "Lifetime-Sensitive Modulo Scheduling," 6th Conference on Programming Language, Design and Implementation, pp. 258-267, ACM (1993)		
	569.	IBM, "Multisequencing a Single Instruction Stream Scheduling with Space-time Trade-offs," IBM Technical Disclosure Bulletin 36(2):105-108 (February 1, 1993)		
	570.	IEEE, "IEEE Standard Verilog Hardware Description Language," downloaded from <a href="http://inst.eecs.berkeley.edu/~cs150/fa06/Labs/verilog-ieee.pdf">http://inst.eecs.berkeley.edu/~cs150/fa06/Labs/verilog-ieee.pdf</a> on December 7, 2006 (Sept. 2001)		
	571.	INTERNET WIRE, Sunbeam Joins Microsoft in University Plug and Play Forum to Establish A "Universal" Smart Appliance Technology Standard (March 23, 2000)		
	572.	ISHII et al., "Parallel Variable Length Decoding with Inverse Quantization for Software MPEG-2 Decoders," Workshop on Signal Processing Systems, Design and Implementation, IEEE pp. 500-509 (November 3-5, 1997)		
	573.	ISOWORTH, "Isoworth Beverage Dispensing Technology Worldwide Company," Brochure (May 22, 2000)		
	574.	JAIN et al., "An Alternative Approach Towards the Design of Control Units," Microelectronics and Reliability 24(6):1009-1012 (1984)		
	575.	JAIN, "Parallel Processing with the TMS320C40 Parallel Digital Signal Processor," Sonitech International Inc., pp. 13-46. Retrieved from: <a href="http://www-s.ti.com/sc/psheets/spra031/spra031.pdf">http://www-s.ti.com/sc/psheets/spra031/spra031.pdf</a> retrieved on 4/14/2004 (Feb. 1994)		
	576.	JANSSEN et al., "Partitioned Register File for TTAs," Proceedings of the 28th Annual International Symposium on Microarchitecture, pp. 303-312 (November 1995)		
	577.	JONG-PYNG et al., "Real-Time Virtual Channel Flow Control," Proceedings of the Annual International Phoenix Conference on Computers and Communications, Conf. 13, pp. 97-103 (April 12, 1994)		
	578.	JUNG et al., "Efficient Hardware Controller Synthesis for Synchronous Dataflow Graph in System Level Design," Proceedings of the 13th International Symposium on System Synthesis pp.79-84 (ISSS'00) (Sep. 2000)		
	579.	KAUFMANN et al., "Digital Spread-Spectrum Multipath-Diversity Receiver for Indoor Communication," from Pioneers to the 21st Century; Denver, Proceedings of the Vehicular Technology Society [sic] Conference, NY, IEEE, US 2(Conf. 42):1038-1041 (May 10-13, 1992)		
	580.	KNEIP et al., "An Algorithm Adapted Autonomous Controlling Concept for a Parallel Single-Chip Digital Signal Processor," Journal of VLSI Signal Processing Systems for Signal, Image, and Video Technology 16(1):31-40 (May 1, 1997)		
	581.	LEE & MESSERSCHMITT, "Pipeline Interleaved Programmable DSP's: Synchronous Data Flow Programming," IEEE Transactions on Acoustics, Speech, and Signal Processing ASSP-35(9):1334-1345 (Sep. 1987)		

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	582.	LEE & MESSERSCHMITT, "Synchronous Data Flow," Proceedings of the IEEE 75(9):1235–1245 (Sep. 1987)	
	583.	LEE & PARKS, "Dataflow Process Networks," Proceedings of the IEEE 83(5):773–799 (May 1995)	
	584.	LIU et al., "Scheduling Algorithms for Multiprogramming in a Hard-Real-Time Environment," <i>Journal of the Association for Computing</i> 20(1):46–61 (1973)	
	585.	LLOSA et al., "Lifetime-Sensitive Modulo Scheduling in a Production Environment," <i>IEEE Trans. on Comps.</i> 50(3):234–249 (Mar. 2001)	
	586.	Lu et al., "The Morphosys Dynamically Reconfigurable System-On-Chip," Proceedings of the First NASA/DOD Workshop on Evolvable Hardware, pp. 152–160 (July 19, 1999)	
	587.	MANGIONE-SMITH et al., "Seeking Solutions in Configurable Computing," <i>Computer</i> 30(12):38–43 (Dec. 1997)	
	588.	MANION, "Network CPU Adds Spice," <i>Electronic Engineering Times</i> , Issue 1126 (August 14, 2000)	
	589.	MASCIA & ISHII., "Neural Net Implementation on Single-Chip Digital Signal Processor," <i>IEEE</i> (1989)	
	590.	MCGRAW, "Parallel Functional Programming in Sisal: Fictions, Facts, and Future," Lawrence Livermore National Laboratory pp.1–40 (Jul. 1993)	
	591.	NAJJAR et al., "High-Level Language Abstraction for Reconfigurable Computing," <i>Computer</i> 36(8):63–69 (Aug. 2003)	
	592.	NICHOLS et al., "Data Management and Control-Flow Constructs in a SIMD/SPMD Parallel Language/Compiler," Proceedings of the 3rd Symposium on the Frontiers of Massively Parallel Computation pp.397–406 (Oct. 1990)	
	593.	OPENMP ARCHITECTURE REVIEW BOARD, "OpenMP C and C++ Application Program Interface," pp. 7–16 (Oct. 1998)	
	594.	ORACLE CORPORATION, "Oracle8i JDBC Developer's Guide and Reference," Release 3, 8.1.7, pp. 10-8 - 10-10 (Jul. 2000)	
	595.	PAUER et al., "Algorithm Analysis and Mapping Environment for Adaptive Computing Systems: Further Results," <i>Proc. IEEE Symposium on FPGA's for Custom Computing Machines (FCCM)</i> , Napa CA (1999)	
	596.	PAUER et al., "Algorithm Analysis and Mapping Environment for Adaptive Computing Systems," Presentation slides, Third Bi-annual Ptolemy Miniconference (1999)	
	597.	RAMAMRITHAM et al., "On Scheduling Algorithms for Real-Time Multiprocessor Systems," <i>Algorithms and Applications</i> , Proceedings of the International conference on Parallel Processing 3:143–152 (August 8, 1989)	
	598.	SCHNEIDER, "A Parallel/Serial Trade-Off Methodology for Look-Up Table Based Decoders," Proceedings of the Design Automation Conference 34:498–503 (June 9-13, 1997)	

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	599.	SIDHU et al., "A Self-Reconfigurable Gate Array Architecture," 10 International Workshop on Field Programmable Logic and Applications <a href="http://coblitz.codeen.org:3125/citeseer.ist.psu.edu/cache/papers/cs/17524/http:zSzzSzmaarcii.usc.edu:zSzzSzPublicationsZSzsidsidhu_fp100.pdf/sidhu00selfreconfigurable.pdf">http://coblitz.codeen.org:3125/citeseer.ist.psu.edu/cache/papers/cs/17524/http:zSzzSzmaarcii.usc.edu:zSzzSzPublicationsZSzsidsidhu_fp100.pdf/sidhu00selfreconfigurable.pdf</a> retrieved on 06/21/06 (September 1, 2001)	
	600.	SMITH, "Intro to ASICs: ASIC Cell Libraries," at <a href="http://iroi.seu.edu.cn/books/asics/Book2/CH01/CH01.5.htm">http://iroi.seu.edu.cn/books/asics/Book2/CH01/CH01.5.htm</a> , printed on February 4, 2005 (June 1997)	
	601.	SOUZA, "Computing's New Face -- Reconfigurable Devices Could Rattle Supply Chain," Electronic Buyers' News Issue 1205, pg. P.1 (April 3, 2000)	
	602.	SOUZA, "Quicksilver Buys White Eagle," Electronic Buyers News, Issue 1220 (July 17, 2000)	
	603.	SRIRAM et al., "MPEG-2 Video Decoding on the TMS320C6X DSP Architecture," Conference Record of the 32nd Asilomar Conference on Signals, Systems, and Computers, IEEE pp. 1735–1739 (November 1–4, 1998)	
	604.	STEINER, "Coke Chief's Latest Daft Idea - A Cola Tap in Every House," Sunday Times (March 2001)	
	605.	SUN MICROSYSTEMS, "FORTRAN 3.0.1 User's Guide, Revision A," pp. 57–68 (Aug. 1994)	
	606.	SVENSSON, "Co's Join On Home Web Wiring Network," Associated Press Online printed on April 30, 2008 (June 2000)	
	607.	TANG et al., "Thread Partitioning and Scheduling Based on Cost Model," Proceedings of the Ninth Annual ACM Symposium on Parallel Algorithms and Architectures, pp. 272–281 Retrieved from: <a href="http://doi.acm.org/10.1145/258492.2585">http://doi.acm.org/10.1145/258492.2585</a> retrieved on 8/25/2004 (1997)	
	608.	Vaya, "VITURBO: A Reconfigurable Architecture for Ubiquitous Wireless Networks," A Thesis Submitted in Partial Fulfillment of the Requirements for the Degree Master of Science; RICE University (August 2002)	
	609.	WANG et al., "Cell Search in W-CDMA," IEEE Journal on Selected Areas in Communications 18(8):1470–1482 (Aug. 2000)	
	610.	WARDELL, "Help for Hurried Cooks?," Popular Science, p. 32 (May 2000)	
	611.	WHITING & PASCOE, "A History of Data-Flow Languages," IEEE Annals of the History of Computing 16(4):38–59 (1994)	
	612.	WILLIAMSON & LEE, "Synthesis of Parallel Hardware Implementations from Synchronous Dataflow Graph Specifications," Conference Record of the Thirtieth Asilomar Conference on Signals, Systems and Computers 1340–1343 (Nov. 1996)	
	613.	WIRTHLIN et al., "A Dynamic Instruction Set Computer," Proceedings of the IEEE Symposium on FPGA's for Custom Computing Machines, pp. 99–107 (April 21, 1995)	
	614.	WWW.APPLIANCEMAGAZINE.COM, World Wide Web at <a href="http://web.archive.org/web/20000511085402/http://www.appliancemagazine.com/">http://web.archive.org/web/20000511085402/http://www.appliancemagazine.com/</a> printed on April 30, 2008	

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	615.	WWW.BESTROM.COM, BreakMate™ from www.bestrom.com printed on April 29, 2008	
	616.	WWW.BEVERAGEEXPRESS.COM, Beverage Express from www.beverageexpress.com printed on April 30, 2008	
	617.	WWW.BEVSTAR.COM, Isoworth Beverage Dispensing Technology Worldwide from www.bevstar.com printed on April 30, 2008	
	618.	WWW.BONATOR.COM, from The World Wide Web at <a href="http://web.archive.org/web/20000510102440/http://www.bonator.com/">http://web.archive.org/web/20000510102440/http://www.bonator.com/</a> printed on April 30, 2008	
	619.	WWW.ECOMMERCE.DEWPOINTINC.COM, Swiss Mountain Coffees from www.ecommerce.dewpointinc.com printed on April 30, 2008	
	620.	WWW.GATEWAY.COM, World Wide Web, <a href="http://web.archive.org/web/20000229192734/www.gateway.com/productpages/9300splash/index.shtml">http://web.archive.org/web/20000229192734/www.gateway.com/productpages/9300splash/index.shtml</a> Available on March 3, 2000, 1 page (March 3, 2000)	
	621.	WWW.ICL.COM, from the World Wide Web at <a href="http://www.icl.com">http://www.icl.com</a> printed on April 30, 2008	
	622.	WWW.MARGHERITA2000.COM; from Margherita2000.com printed April 30, 2008 (January 26, 2001)	
	623.	WWW.SODACLUBENTERPRISES.COM, Soda-Club Enterprises from www.sodaclubenterprises.com printed on April 30, 2008	
	624.	WWW.SYMBOL.COM, Symbol from www.symbol.com printed on April 30, 2008	
	625.	WWW.WUNDERBAR.COM, Wunder-Bar Dispensing Systems from www.wunderbar.com printed on April 30, 2008	
	626.	XILINX, "Virtex-II Pro Platform FPGAs: Functional Description DS083-2 (v2.5)," Product Specification, pp. 13–46 (January 20, 2003)	
	627.	YOUNG, "Architecture Powers up IPsec, SSL," EETimes, Los Gatos, CA, pp. 1–4 <a href="http://www.eetimes.com/story/OEG20011102S0065">http://www.eetimes.com/story/OEG20011102S0065</a> (November 2, 2001)	
	628.	YUAN et al., "A Decomposition Approach to Non-Preemptive Real-Time Scheduling," Real Time Systems 6(1):7–35 (1994)	
	629.	ZAINO et al., "Algorithm Analysis and Mapping Environment for Adaptive Computing Systems," Final Technical Report, DARPA Contract F33615-97-C-1174 (Sept. 2001)	
	630.	ZHANG et al., "A 1V Heterogeneous Reconfigurable Processor IC for Baseband Wireless Applications," 2000 IEEE Solid	

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